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Susan L. Eick

Name

Susan L. Eick

Signature

November 4, 2004

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wang et al.

Filed: December 5, 2003

Serial No. 10/728,491

For: High Efficacy Antisense RI_α PKA Poly-DNP Oligoribonucleotides

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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Sir:

Applicant wishes to make of record the references listed in the attached Form 1449. Legible copies of the references listed are enclosed.

It is believed that no fee is due. However, if that is incorrect, the Examiner is authorized to charge any fee due to Deposit Account No. 08-2442.

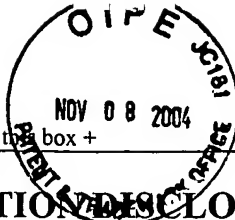
Respectfully submitted,

By:

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Dated: November 4, 2004



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PTO/SB/08A(05/03)

Approved for use through 05/31/2003, OMB 0651-0031

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number	10/728,491
Filing Date	December 5, 2003
First Named Inventor	Wang et al.
Art Unit	
Examiner Name	
Attorney Docket Number	11520.0338

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US-5,496,546	03-05-1996	Wang et al.	
	2	US-6,291,438 B1	09-18-2001	Wang	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
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(Use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/728,491
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				Group Art Unit	
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	11520.0338

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	ASHUN et al., <i>Inhibition of Murine Leukemia virus with Poly2'-O-(2, 4-Dinitrophenyl) Poly [A]</i> , Antimicrobial Agents and Chemotherapy (Oct. 1996) Vol. 40, No. 10, pp. 2311-2317	
	2	BRADBURY et al., <i>Protein Kinase A (PK-A) Regulatory Subunit Expression in Colorectal Cancer and Related Mucosa</i> , Brit. J. Cancer (1994) Vol. 69, pp. 738-742	
	3	CHEN et al., <i>Poly-2'-DNP-RNAs with Enhanced Efficacy for Inhibiting Cancer Cell Growth</i> , Oligonucleotides (2004) Vol. 14, pp. 90-99	
	4	CHO-CHUNG, <i>Antisense DNA Toward Type I Protein Kinase A Produces Sustained Inhibition of Tumor Growth</i> , Proceedings of the Assoc. of American Physicians (1997) Vol. 109, No. 1, pp. 23-32	
	5	KANG et al., <i>Design of Structure-Based Reverse Transcriptase Inhibitors</i> , The Journal of Biological Chemistry (April 2, 1994) Vol. 269, No. 16, pp. 12024-12031	
	6	MILLER et al., <i>Types of Cyclic AMP Binding Proteins in Human Breast Cancers</i> , Eur. J. Cancer (1993) Vol. 29A, No. 7, pp. 989-991	
	7	NESTEROVA et al., <i>A Single-Injection Protein Kinase A-Directed Antisense Treatment to Inhibit Tumour Growth</i> , Nature Medicine (June 1995) Vol. 1, No. 6, pp. 528-533	
	8	NESTEROVA et al., <i>Oligonucleotide Sequence-Specific Inhibition of Gene Expression, Tumor Growth Inhibition, and Modulation of cAMP Signaling by an RNA-DNA Hybrid Antisense Targeted to Protein Kinase A RIα Subunit</i> , Antisense & Nucleic Acid Drug Development (2000) Vol. 10, pp. 423-433	
	9	RAHMAN et al., <i>Selective Removal of Ribonucleases from Solution with Covalently Anchored Macromolecular Inhibitor</i> , Analytical chemistry (January 1, 1996) Vol. 68, No. 1, pp. 136-138	
	10	RU et al., <i>Specific Inhibition of Breast Cancer Cells by Antisense Poly-DNP-Oligoribonucleotides and Targeted Apoptosis</i> , Oncology Research (1998) Vol. 10, pp. 389-397	
	11	RU et al., <i>Growth Inhibition and Antimetastatic Effect of Antisense Poly-DNP-RNA on Human Breast Cancer Cells</i> , Oncology Research (1999) Vol. 11, pp. 505-512	

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		Examiner Name			
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	12	SHEN et al., <i>A High-Efficacy Antisense RIα Poly-DNP 21-nt RNA</i> , Antisense and Nucleic Acid Drug Development (2003) Vol. 13, pp. 67-74	
	13	SUMMERTON, <i>Intracellular Inactivation of Specific Nucleotide Sequences: A General Approach to the Treatment of Viral Diseases and Virally-Mediated Cancers</i> , J. Theor. Biol. (1979) Vol. 78, pp. 77-99	
	14	SUMMERTON et al., <i>Morpholino Antisense Oligomers: Design, Preparation, and Properties</i> , Antisense & Nucleic Acid Drug Development (1997) Vol. 7, pp. 187-195	
	15	TORTORA et al., <i>The RIα Subunit of Protein Kinase A Controls Serum Dependency and Entry into Cell Cycle of Human Mammary Epithelial Cells</i> , Oncogene (1994) Vol. 9, pp. 3233-3240	
	16	WANG, Aihong et al., <i>Effective Treatment of Murine Leukemia with Antisense Poly-2'-O-(2,4-Dinitrophenyl)-Oligoribonucleotides</i> , Antisense & Nucleic Acid Drug Development (1999) Vol. 9, pp. 43-51	
	17	WANG, Hui et al., <i>Antitumor Activity and Pharmacokinetics of a Mixed-Backbone Antisense Oligonucleotide Targeted to the RIα Subunit of Protein Kinase A After Oral Administration</i> , Proc. Natl. Acad. Sci. (November 23, 1999) Vol. 96, No. 24, pp. 13989-13994	
	18	XIN et al., <i>Treatment of Duck Hepatitis B. Virus by Antisense Poly-2'-O-(2,4-Dinitrophenyl)-Oligoribonucleotides</i> , Antisense & Nucleic Acid Drug Development (1998) Vol. 8, pp. 459-468	
	19	ZAMECNIK et al., <i>Inhibition of Rous Sarcoma Virus Replication and Cell Transformation by a Specific Oligodeoxynucleotide</i> , Proc. Natl. Acad. Sci. (January 1978) Vol. 75, No. 1, pp. 280-284	

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